LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
Data File : BF133167.D
Acq On : 01 May 2023 21:13
Operator : CG\JU
Sample : 02558-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS012-0006-01

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF133167.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.340	548	553	556	rVB	3926948	3636023	90.29%	2.825%
2	6.257	707	709	712	rVV2	580823	672743	16.70%	0.523%
3	6.328	718	721	724	rBV2	533229	556728	13.82%	0.433%
4	6.369	724	728	732	rVB	3781011	3724546	92.48%	2.894%
5	6.557	757	760	761	rBV	980858	791993	19.67%	0.615%
6	6.575	761	763	768	rVB	1705044	1355568	33.66%	1.053%
7	6.728	786	789	791	rVV	1688860	1358234	33.73%	1.055%
8	6.751	791	793	797	rVB2	824758	726617	18.04%	0.565%
9	6.792	797	800	804	rBV3	733180	787699	19.56%	0.612%
10	6.881	813	815	819	rBV2	530602	564312	14.01%	0.438%
11	7.010	834	837	841	rVB2	1080443	1136294	28.22%	0.883%
12	7.057	841	845	847	rBV2	1170737	1240119	30.79%	0.964%
13	7.081	847	849	852	rVB2	613217	484493	12.03%	0.376%
14	7.128	853	857	862	rBV2	1274128	1496327	37.16%	1.163%
15	7.275	876	882	883	rBV2	1290069	1441969	35.81%	1.120%
16	7.292	883	885	888	rVV2	2208647	1984078	49.27%	1.542%
17	7.339	890	893	896	rVB	2491292	1851121	45.97%	1.438%
18	7.387	896	901	904	rVB5	721474	980713	24.35%	0.762%
19	7.422	904	907	909	rBV3	433563	498639	12.38%	0.387%
20	7.451	909	912	916	rVB3	546335	522308	12.97%	0.406%
21	7.504	916	921	923	rBV2	707724	881207	21.88%	0.685%
22	7.534	923	926	931	rVB3	1394543	1571476	39.02%	1.221%
23	7.645	943	945	948	rVV3	670070	979153	24.31%	0.761%
24	7.675	948	950	951	rVV2	552209	481630	11.96%	0.374%
25	7.704	954	955	959	rVV2	615984	509473	12.65%	0.396%
26	7.757	959	964	966	rVV3	1343712	1934244	48.03%	1.503%
27	7.775	966	967	972	rVB3	849945	1024843	25.45%	0.796%
28	7.822	972	975	977	rBV2	706351	712345	17.69%	0.553%
29	7.839	977	978	980	rVV2	589917	484735	12.04%	0.377%
30	7.886	983	986	988	rBV	547305	523629	13.00%	0.407%
31	8.010	1003	1007	1010	rBV2	4103630	4027235	100.00%	3.129%
32	8.034	1010	1011	1015	rVB3	1130678	988443	24.54%	0.768%
33	8.086	1018	1020	1022	rVB	1480774	1032446	25.64%	0.802%
34	8.192	1032	1038	1040	rBV5	591979	881339	21.88%	0.685%
35	8.228	1040	1044	1046	rVB2	537638	713966	17.73%	0.555%
36	8.298	1054	1056	1057	rBV	584380	522665	12.98%	0.406%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
Data File : BF133167.D
Acq On : 01 May 2023 21:13
Operator : CG\JU
Sample : 02558-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS012-0006-01

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.316	1057	1059	1061	rVB2	800810	646013	16.04%	0.502%
38	8.369	1066	1068	1071	rBV3	935431	717565	17.82%	0.558%
39	8.404	1071	1074	1077	rVB2	1422217	1204045	29.90%	0.935%
40	8.445	1078	1081	1086	rBV2	1874563	2052391	50.96%	1.595%
41	8.486	1086	1088	1090	rVB	807363	608323	15.11%	0.473%
42	8.522	1091	1094	1097	rBV2	1310323	1075301	26.70%	0.835%
43	8.563	1097	1101	1103	rBV4	572366	647685	16.08%	0.503%
44	8.616	1106	1110	1113	rBV2	2853727	2901552	72.05%	2.254%
45	8.675	1118	1120	1123	rVB3	647372	536878	13.33%	0.417%
46	8.728	1127	1129	1133	rVB	2498642	2152719	53.45%	1.673%
47	8.769	1133	1136	1138	rBV3	363511	478472	11.88%	0.372%
48	8.828	1142	1146	1150	rBV2	2033546	2302438	57.17%	1.789%
49	8.898	1156	1158	1160	rBV3	757249	648952	16.11%	0.504%
50	8.928	1160	1163	1165	rVV3	541653	676725	16.80%	0.526%
51	8.981	1170	1172	1175	rVV	919852	676160	16.79%	0.525%
52	9.051	1181	1184	1187	rVB2	1967417	1879783	46.68%	1.460%
53	9.092	1187	1191	1193	rBV	3644394	2873542	71.35%	2.233%
54	9.186	1202	1207	1210	rBV2	2923812	3504654	87.02%	2.723%
55	9.286	1222	1224	1231	rVB	856027	1017544	25.27%	0.791%
56	9.351	1232	1235	1240	rVB	1675445	2461677	61.13%	1.913%
57	9.433	1245	1249	1251	rVV2	2632530	2783830	69.13%	2.163%
58	9.457	1251	1253	1255	rVV	2425850	1734493	43.07%	1.348%
59	9.480	1255	1257	1259	rVV2	1032863	1150824	28.58%	0.894%
60	9.504	1259	1261	1263	rVV	2680209	2097585	52.08%	1.630%
61	9.522	1263	1264	1266	rVV	884643	585781	14.55%	0.455%
62	9.545	1266	1268	1269	rVV	922099	722354	17.94%	0.561%
63	9.628	1280	1282	1289	rBV3	593414	944549	23.45%	0.734%
64	9.680	1289	1291	1294	rVB2	913158	832342	20.67%	0.647%
65	9.716	1294	1297	1300	rBV	2532355	2358774	58.57%	1.833%
66	9.769	1300	1306	1309	rBV2	2236038	3030575	75.25%	2.355%
67	9.875	1321	1324	1328	rVB	1072289	1522614	37.81%	1.183%
68	9.939	1333	1335	1338	rVV3	542791	854131	21.21%	0.664%
69	9.975	1338	1341	1344	rVV	1832863	1922747	47.74%	1.494%
70	10.016	1344	1348	1349	rVV2	1357114	1390722	34.53%	1.081%
71	10.033	1349	1351	1355	rVB4	1045574	1078310	26.78%	0.838%
72	10.086	1358	1360	1363	rVV	960193	924526	22.96%	0.718%
73	10.116	1363	1365	1367	rVB	949459	666472	16.55%	0.518%
74	10.180	1373	1376	1377	rVV2	742492	701880	17.43%	0.545%
75	10.210	1379	1381	1384	rVV	2162263	1644417	40.83%	1.278%
76	10.263	1388	1390	1395	rVB4	641914	780301	19.38%	0.606%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
Data File : BF133167.D
Acq On : 01 May 2023 21:13
Operator : CG\JU
Sample : 02558-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS012-0006-01

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	10.310	1395	1398	1400	rBV3	863482	794550	19.73%	0.617%
78	10.339	1400	1403	1405	rVB3	515568	501525	12.45%	0.390%
79	10.380	1408	1410	1412	rVB	758326	582640	14.47%	0.453%
80	10.433	1415	1419	1422	rVB	2159912	2035097	50.53%	1.581%
81	10.516	1430	1433	1435	rBV2	544345	537741	13.35%	0.418%
82	10.557	1435	1440	1444	rVV4	2166389	2653155	65.88%	2.061%
83	10.657	1452	1457	1459	rBV3	309893	489373	12.15%	0.380%
84	10.686	1459	1462	1463	rVV2	2559807	2667439	66.23%	2.072%
85	10.698	1463	1464	1469	rVB	3585350	2642831	65.62%	2.053%
86	10.892	1495	1497	1499	rBV	723363	542716	13.48%	0.422%
87	11.133	1535	1538	1540	rBV	1574889	1439107	35.73%	1.118%
88	11.163	1540	1543	1549	rVB	2421151	2463920	61.18%	1.914%
89	11.251	1555	1558	1560	rBV	1621334	1356453	33.68%	1.054%
90	11.274	1560	1562	1564	rVB	714908	538752	13.38%	0.419%
91	11.510	1600	1602	1605	rVB	748839	614486	15.26%	0.477%
92	11.557	1607	1610	1612	rVV	1471987	1131858	28.11%	0.879%
93	11.780	1646	1648	1652	rVB2	785913	911087	22.62%	0.708%
94	11.863	1658	1662	1664	rBV3	542476	769871	19.12%	0.598%
95	11.963	1677	1679	1682	rBV	965250	788170	19.57%	0.612%
96	12.245	1725	1727	1731	rVB2	707009	725170	18.01%	0.563%
97	12.304	1735	1737	1740	rVV2	608982	642826	15.96%	0.499%
98	12.357	1743	1746	1748	rVB2	729177	663935	16.49%	0.516%
99	12.463	1761	1764	1767	rBV4	447338	546276	13.56%	0.424%
100	12.839	1825	1828	1835	rBV	2486460	2800765	69.55%	2.176%

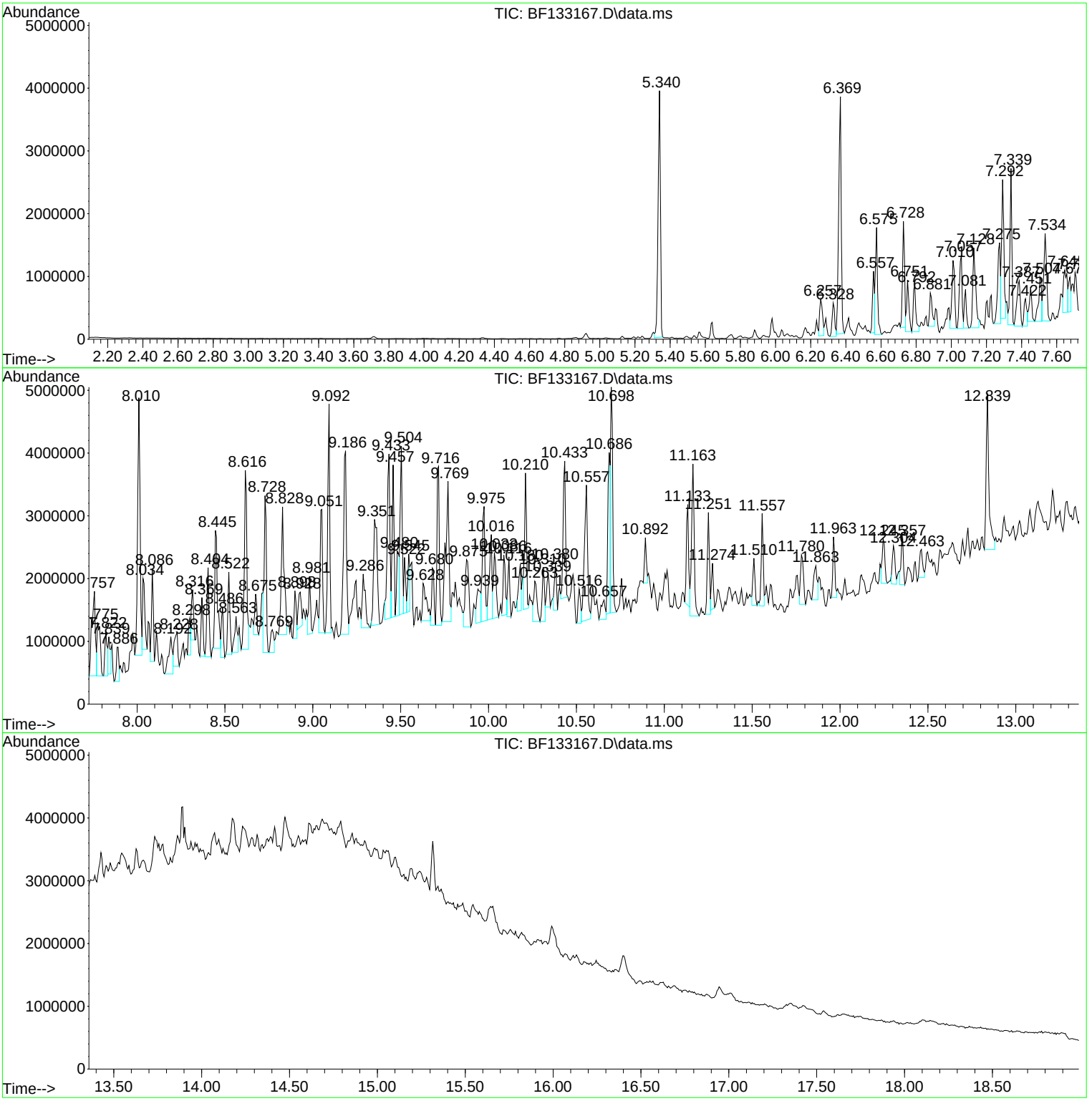
Sum of corrected areas: 128708742

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
Data File : BF133167.D
Acq On : 01 May 2023 21:13
Operator : CG\JU
Sample : 02558-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS012-0006-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
Data File : BF133167.D
Acq On : 01 May 2023 21:13
Operator : CG\JU
Sample : 02558-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS012-0006-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

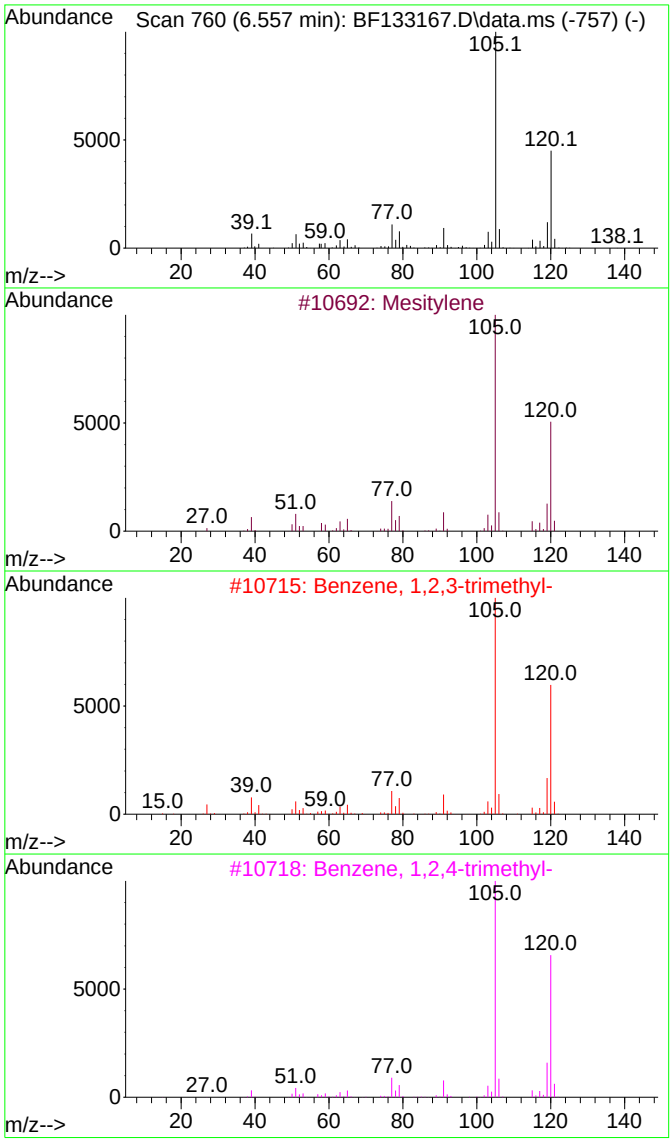
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

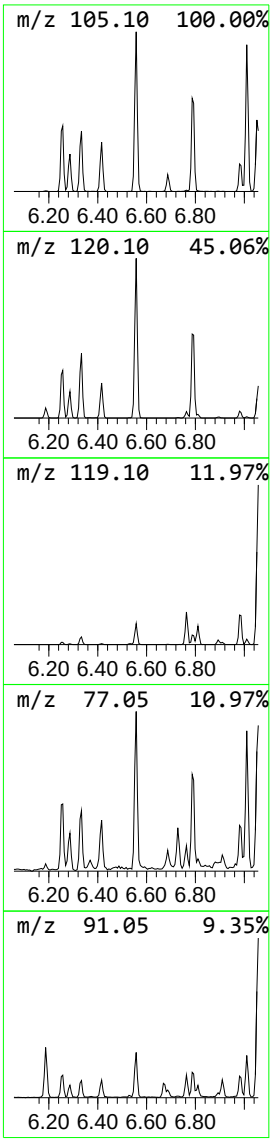
****

Peak Number 1 Mesitylene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.557	11.66 ng	791993	1,4-Dichlorobenzene-d4	6.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
Data File : BF133167.D
Acq On : 01 May 2023 21:13
Operator : CG\JU
Sample : 02558-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS012-0006-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

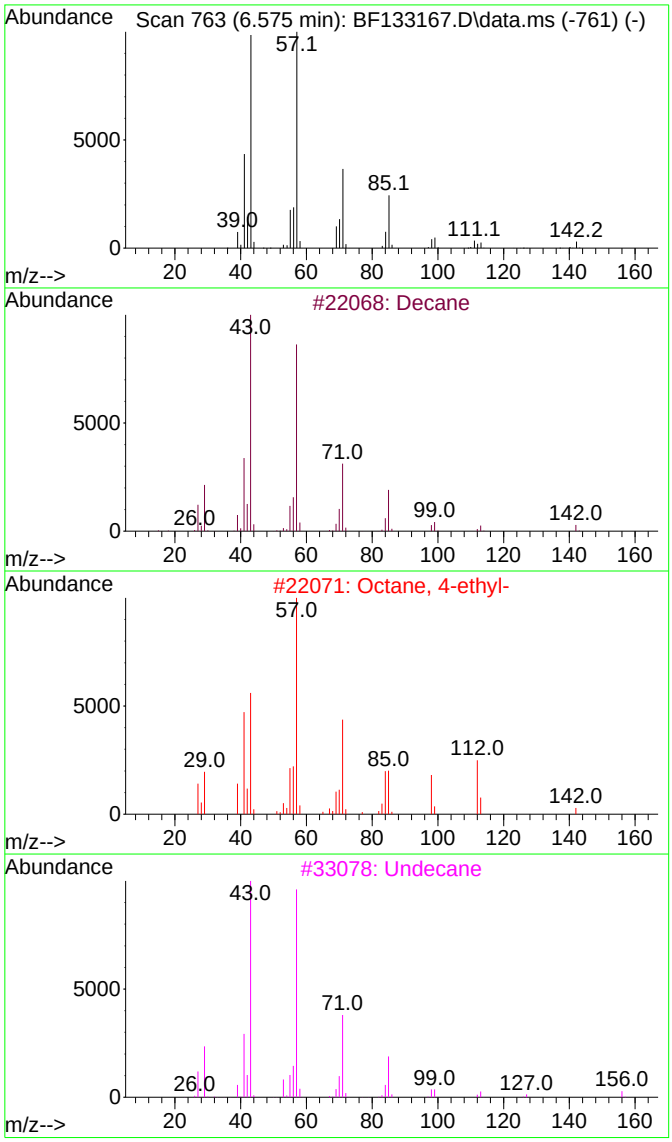
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

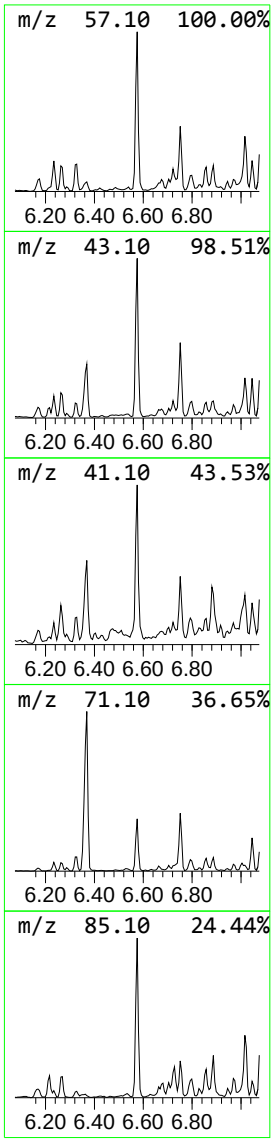
****

Peak Number 2 Decane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.575	19.96 ng	1355570	1,4-Dichlorobenzene-d4	6.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	94
2	Octane, 4-ethyl-	142	C10H22	015869-86-0	87
3	Undecane	156	C11H24	001120-21-4	80
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	78
5	Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
Data File : BF133167.D
Acq On : 01 May 2023 21:13
Operator : CG\JU
Sample : 02558-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS012-0006-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

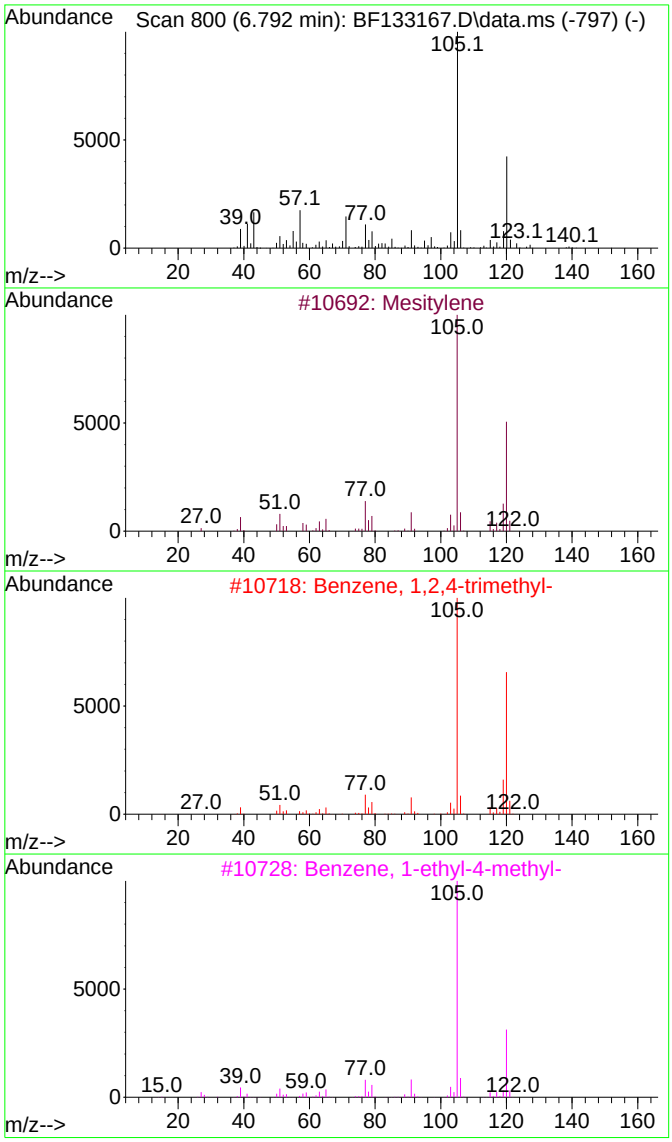
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

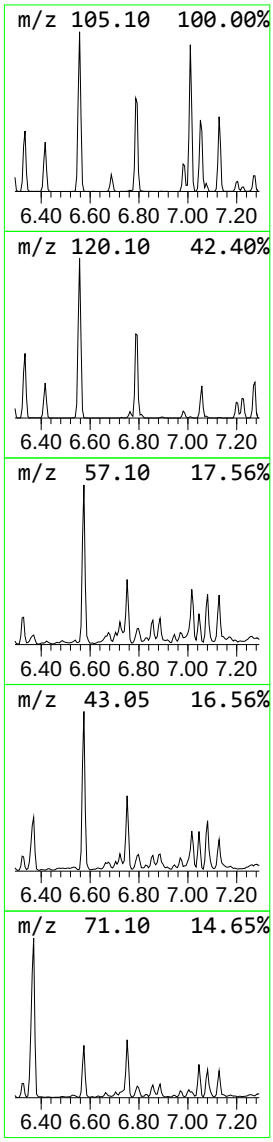
****

Peak Number 3 Benzene, 1,2,4-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.792	11.60 ng	787699	1,4-Dichlorobenzene-d4	6.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	93
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	87
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
Data File : BF133167.D
Acq On : 01 May 2023 21:13
Operator : CG\JU
Sample : 02558-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS012-0006-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

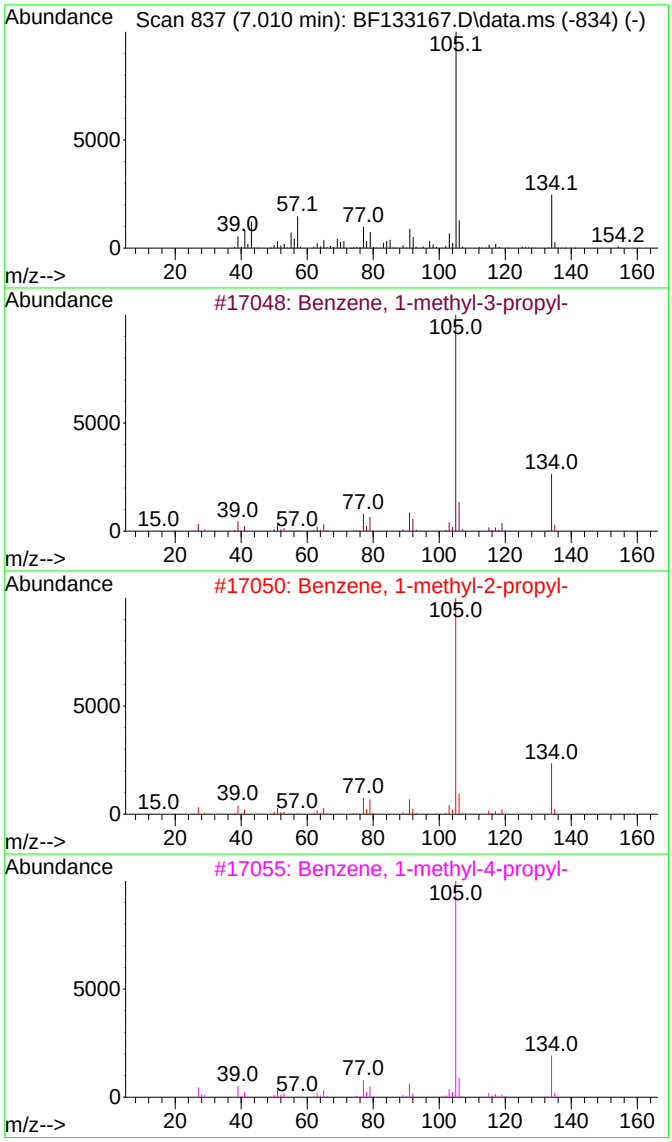
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

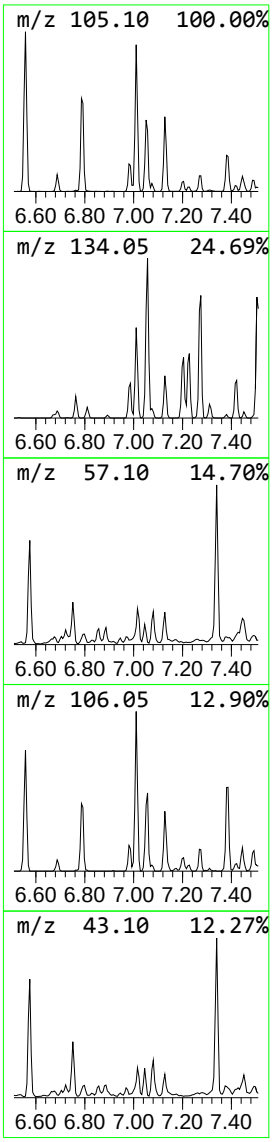
****

Peak Number 4 Benzene, 1-methyl-3-propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.010	16.73 ng	1136290	1,4-Dichlorobenzene-d4	6.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	81
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	81
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	81
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	76
5	2-Indanol	134	C9H10O	004254-29-9	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
Data File : BF133167.D
Acq On : 01 May 2023 21:13
Operator : CG\JU
Sample : 02558-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS012-0006-01

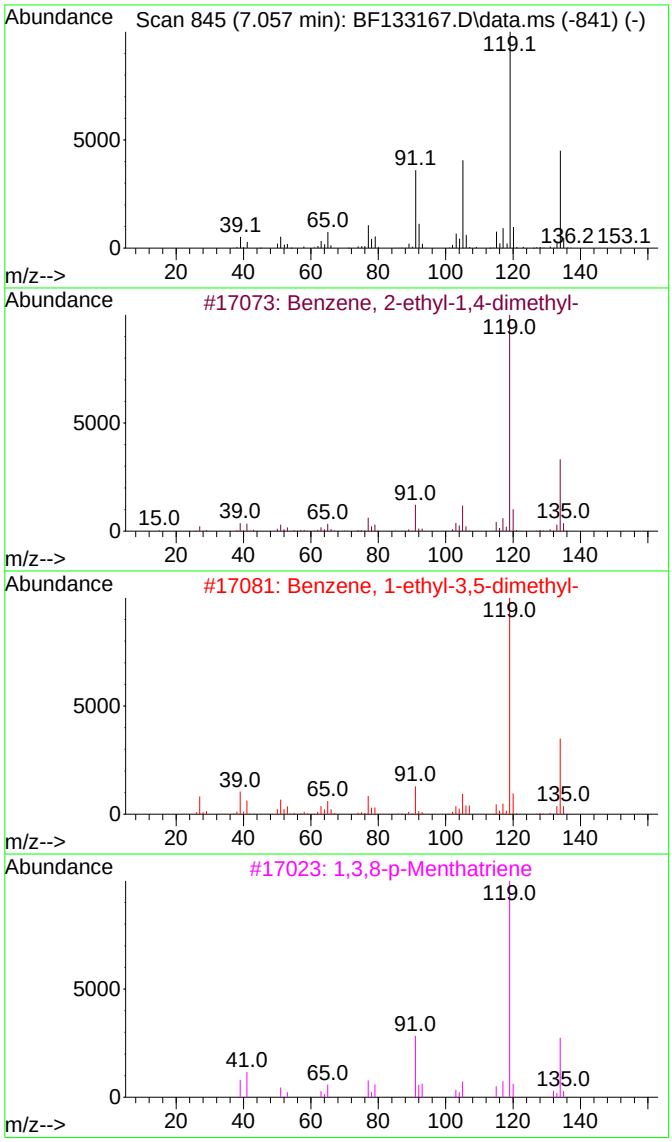
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

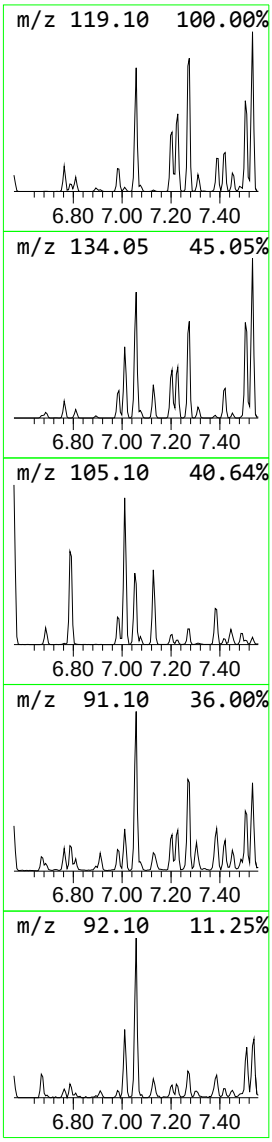
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.057	18.26 ng	1240120	1,4-Dichlorobenzene-d4	6.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
3	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	91
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
Data File : BF133167.D
Acq On : 01 May 2023 21:13
Operator : CG\JU
Sample : 02558-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS012-0006-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

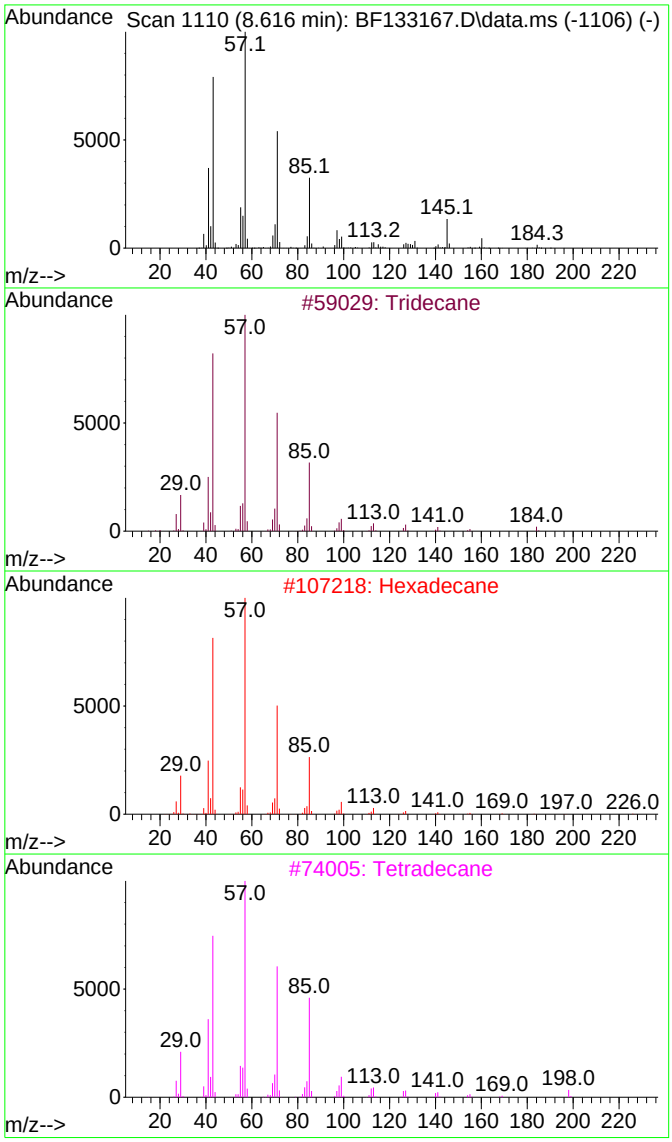
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

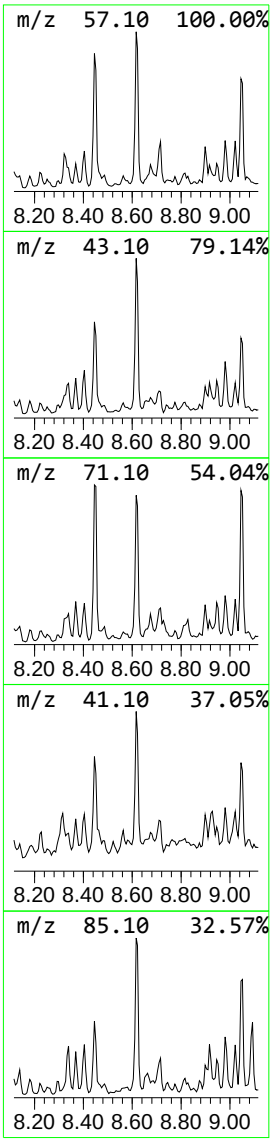
****

Peak Number 6 Tridecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.616	14.41 ng	2901550	Naphthalene-d8	8.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	95
2	Hexadecane	226	C16H34	000544-76-3	74
3	Tetradecane	198	C14H30	000629-59-4	72
4	Pentadecane	212	C15H32	000629-62-9	72
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
Data File : BF133167.D
Acq On : 01 May 2023 21:13
Operator : CG\JU
Sample : 02558-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS012-0006-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

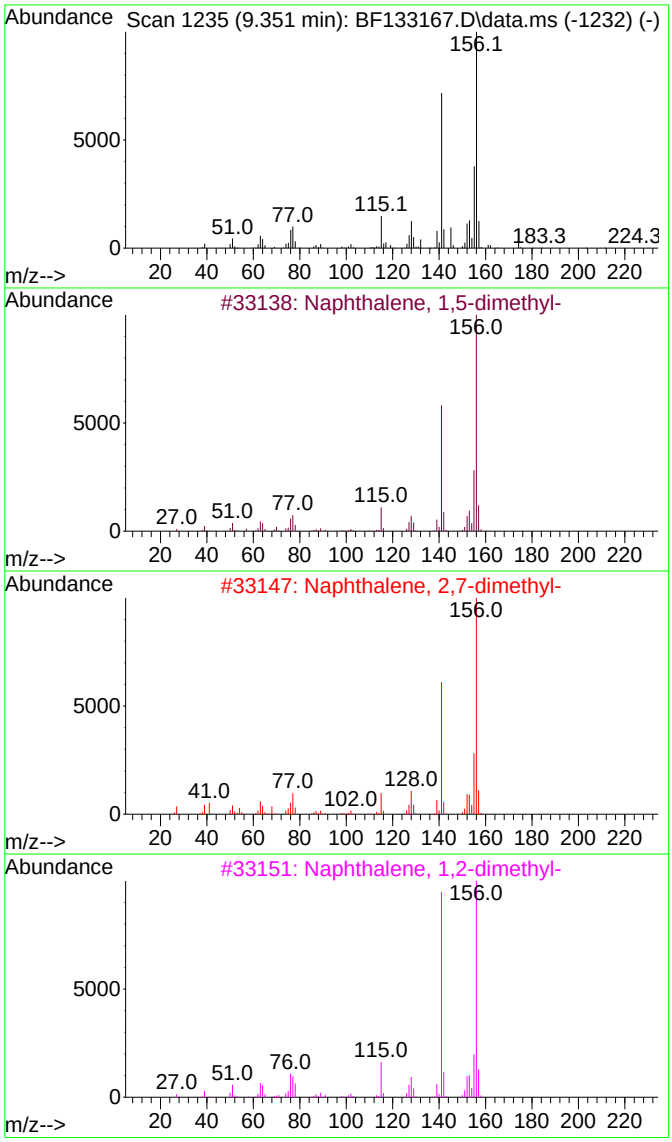
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

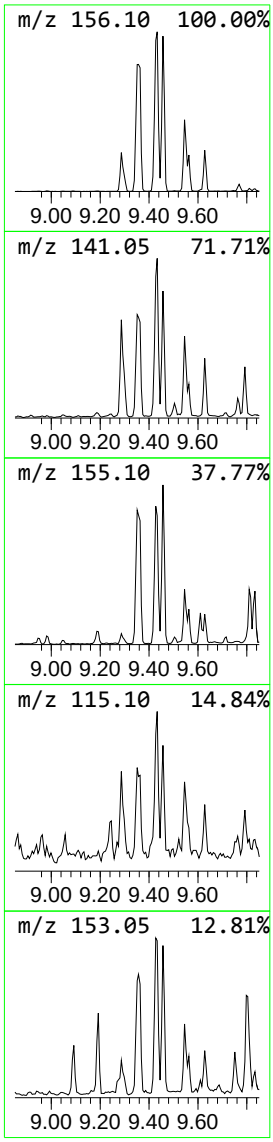
****

Peak Number 7 Naphthalene, 1,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.351	16.25 ng	2461680	Acenaphthene-d10	9.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
Data File : BF133167.D
Acq On : 01 May 2023 21:13
Operator : CG\JU
Sample : 02558-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS012-0006-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

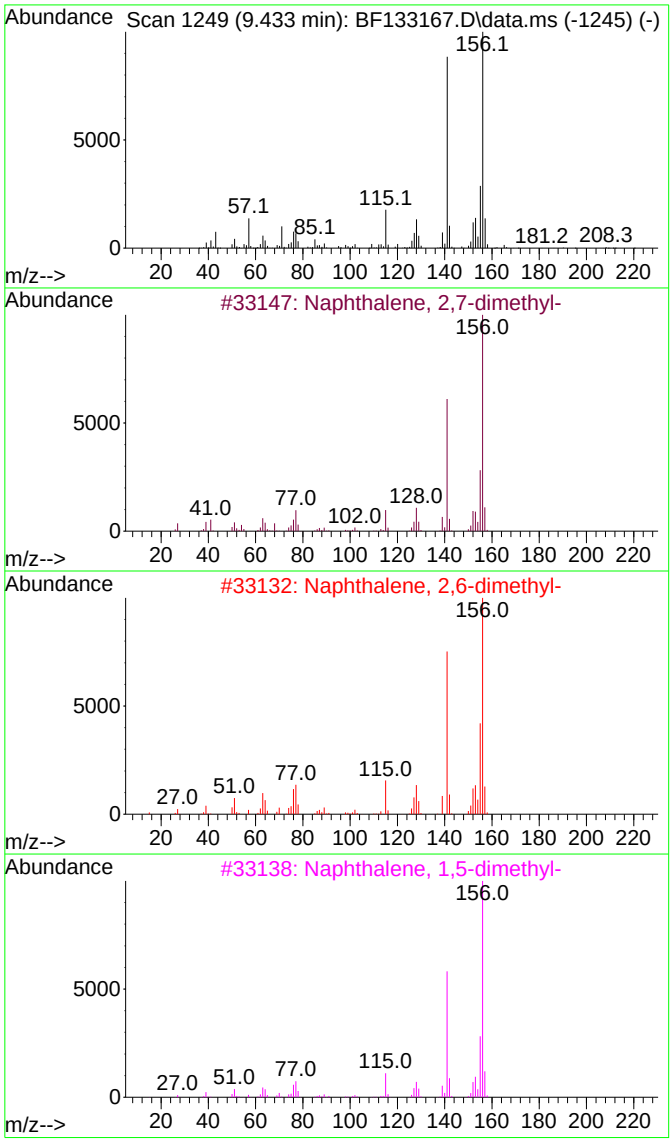
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

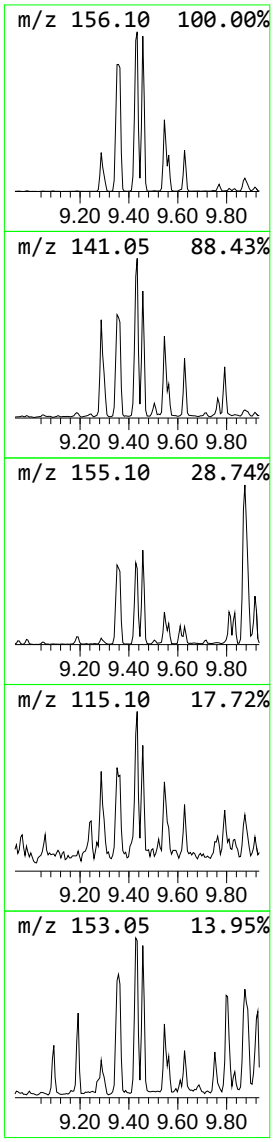
****

Peak Number 8 Naphthalene, 2,7-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.433	18.37 ng	2783830	Acenaphthene-d10	9.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
Data File : BF133167.D
Acq On : 01 May 2023 21:13
Operator : CG\JU
Sample : 02558-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS012-0006-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

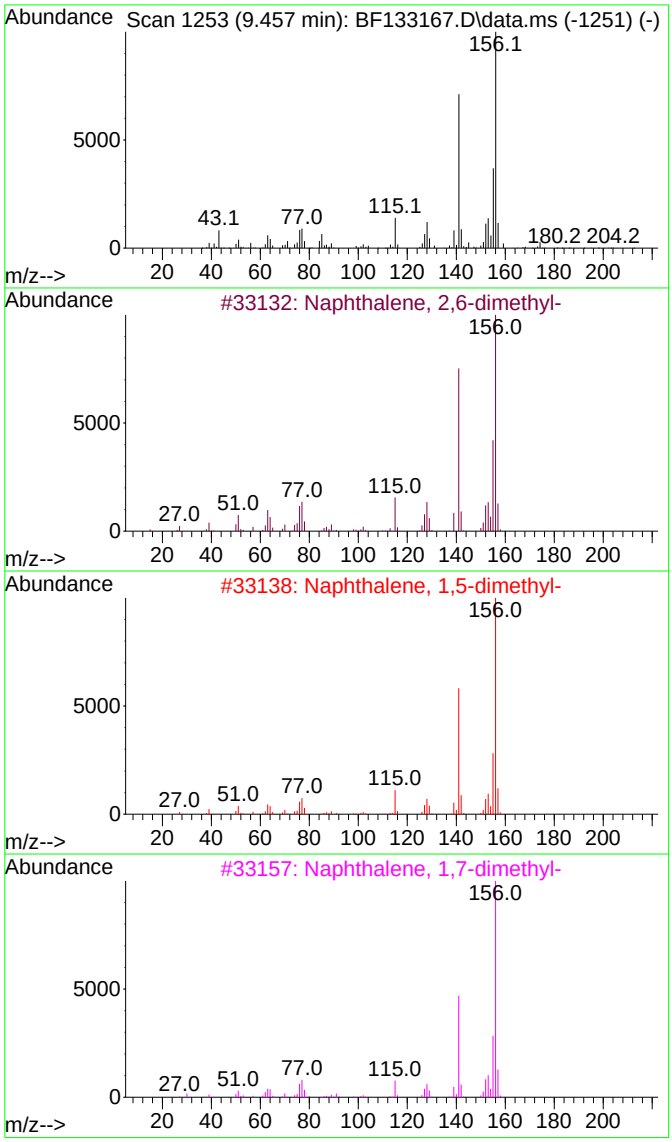
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

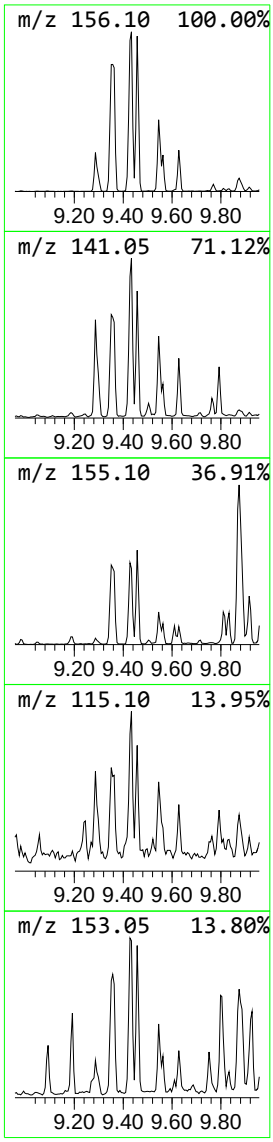
****

Peak Number 9 Naphthalene, 2,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.457	11.45 ng	1734490	Acenaphthene-d10	9.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
Data File : BF133167.D
Acq On : 01 May 2023 21:13
Operator : CG\JU
Sample : 02558-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS012-0006-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

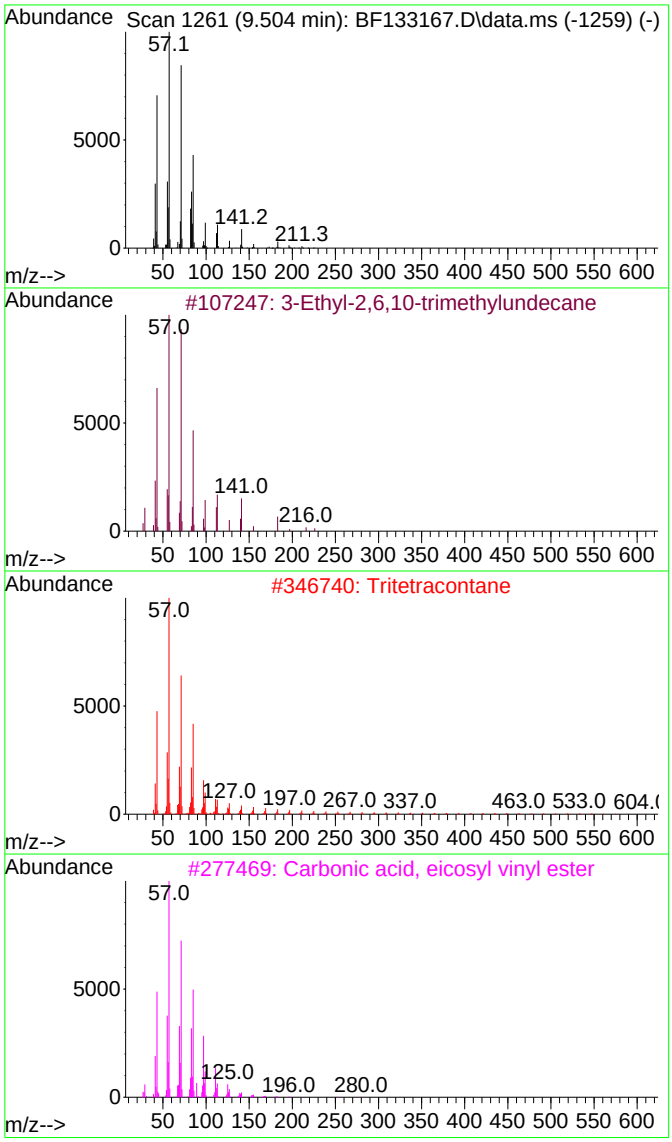
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

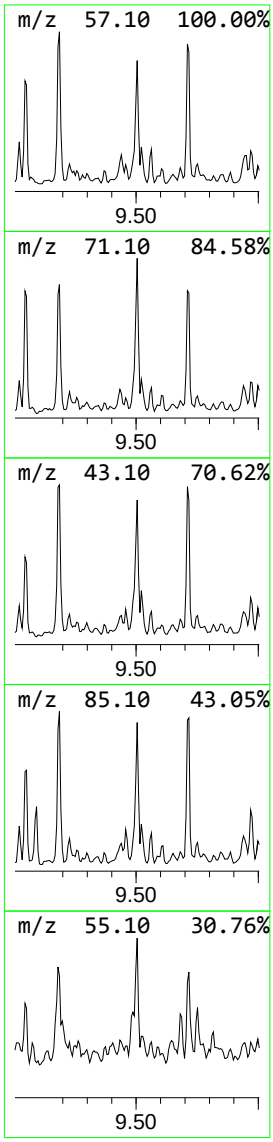
****

Peak Number 10 3-Ethyl-2,6,10-trimethylund... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.504	13.84 ng	2097590	Acenaphthene-d10	9.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	93
2	Tritetracontane	605	C43H88	007098-21-7	90
3	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	90
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
5	Decane, 5-propyl-	184	C13H28	017312-62-8	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
Data File : BF133167.D
Acq On : 01 May 2023 21:13
Operator : CG\JU
Sample : 02558-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS012-0006-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

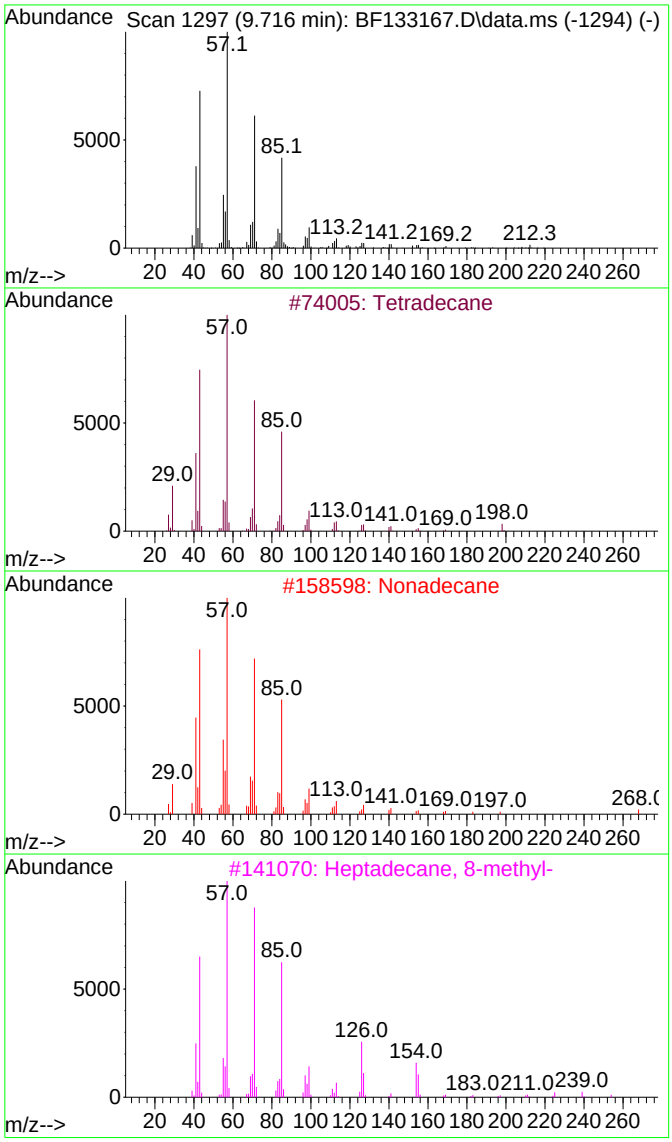
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

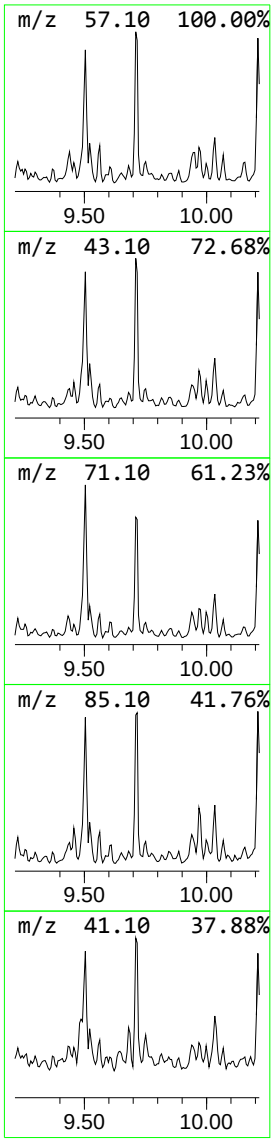
****

Peak Number 11 Tetradecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.716	15.57 ng	2358770	Acenaphthene-d10	9.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Nonadecane	268	C19H40	000629-92-5	87
3	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	86
4	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	80
5	Pentacosane	352	C25H52	000629-99-2	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
Data File : BF133167.D
Acq On : 01 May 2023 21:13
Operator : CG\JU
Sample : 02558-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS012-0006-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

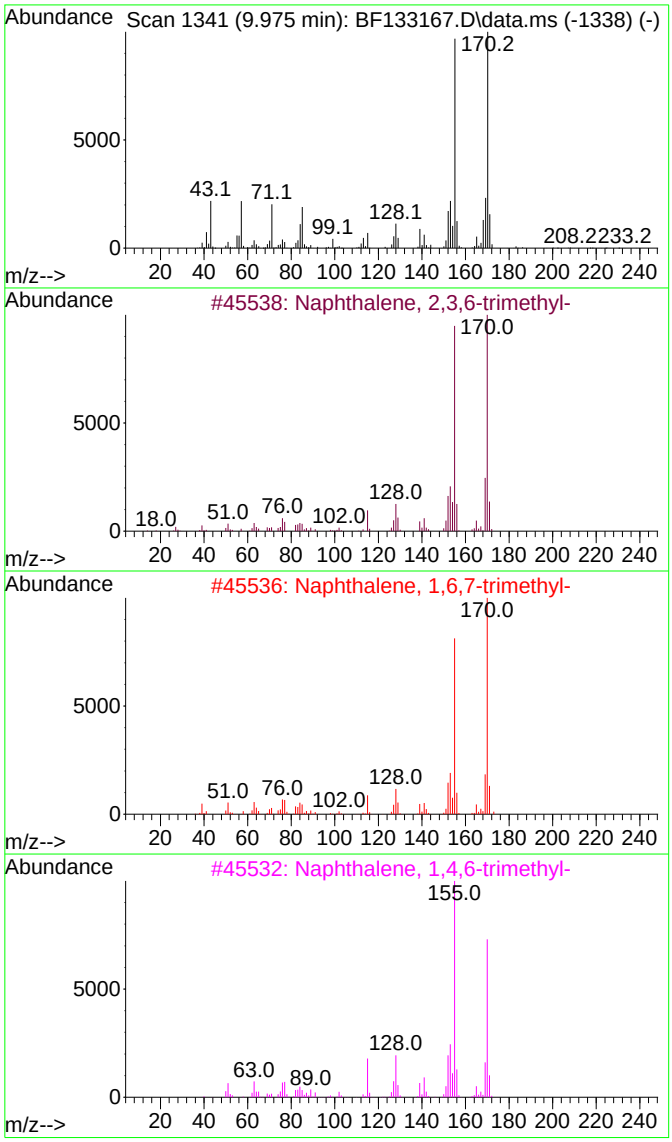
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

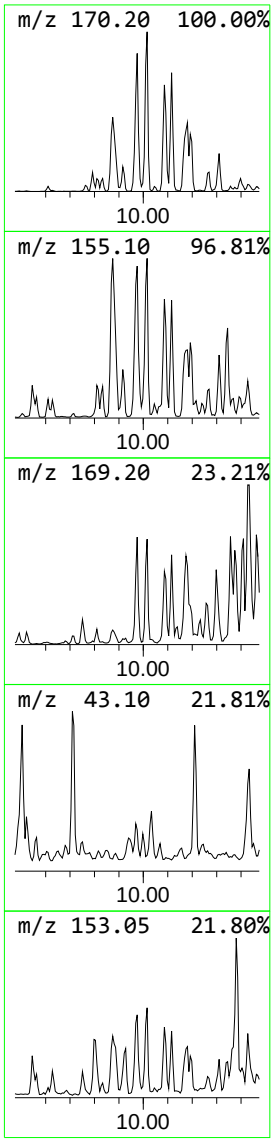
****

Peak Number 12 Naphthalene, 2,3,6-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.975	12.69 ng	1922750	Acenaphthene-d10	9.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	81
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
Data File : BF133167.D
Acq On : 01 May 2023 21:13
Operator : CG\JU
Sample : 02558-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS012-0006-01

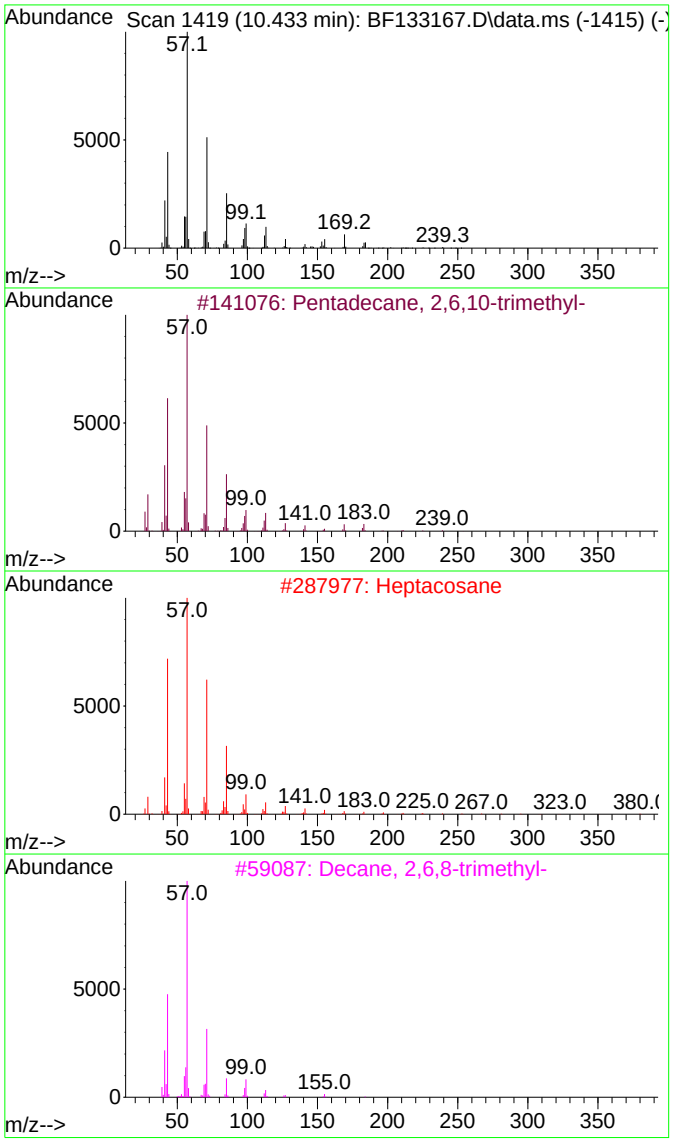
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

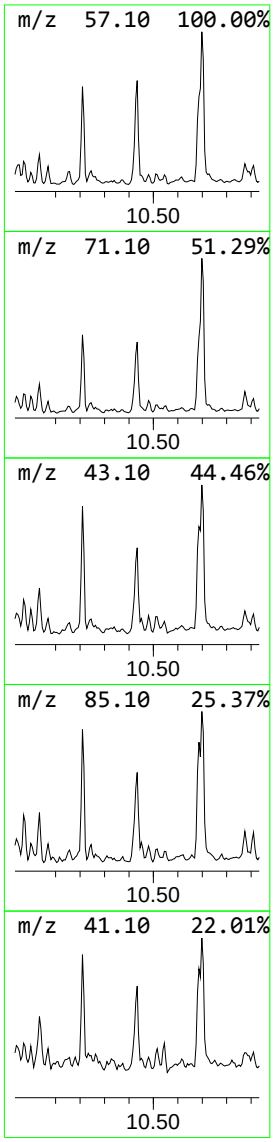
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Pentadecane, 2,6,10-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.433	13.43 ng	2035100	Acenaphthene-d10	9.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	94
2	Heptacosane	380	C27H56	000593-49-7	72
3	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	62
4	Hexadecane	226	C16H34	000544-76-3	59
5	3,5-Dimethyldodecane	198	C14H30	107770-99-0	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
Data File : BF133167.D
Acq On : 01 May 2023 21:13
Operator : CG\JU
Sample : 02558-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS012-0006-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

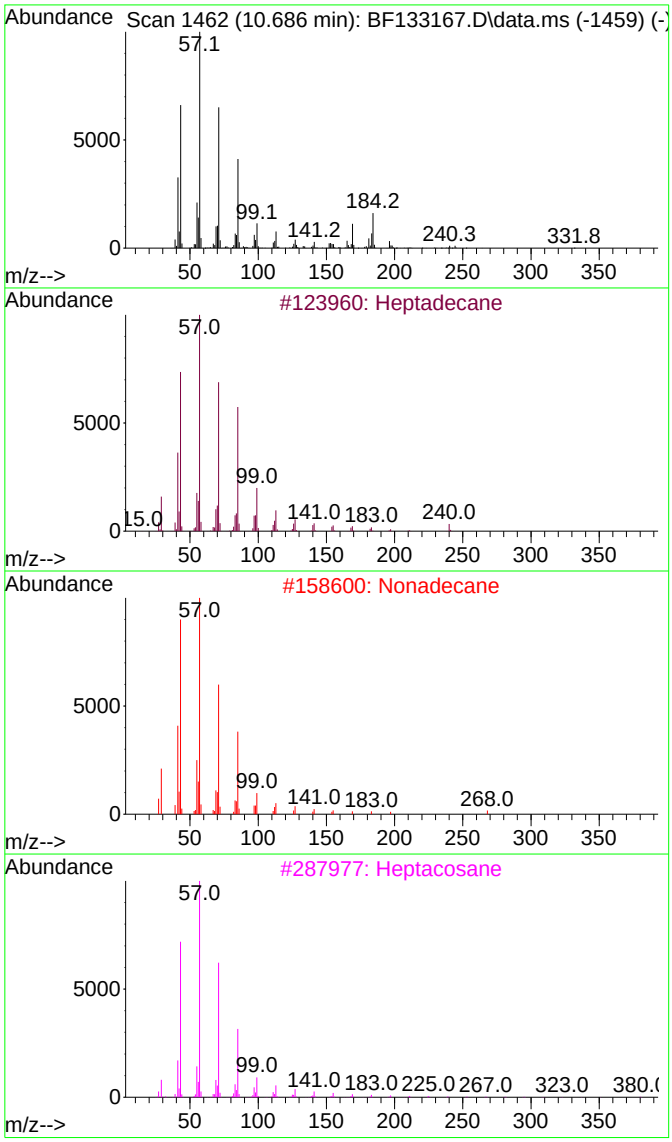
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

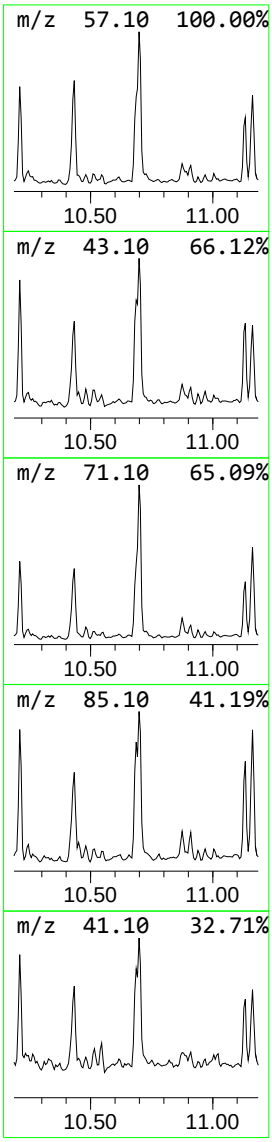
****

Peak Number 14 Heptadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.686	39.33 ng	2667440	Phenanthrene-d10	11.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Nonadecane	268	C19H40	000629-92-5	76
3	Heptacosane	380	C27H56	000593-49-7	74
4	Pentadecane	212	C15H32	000629-62-9	74
5	Heneicosane	296	C21H44	000629-94-7	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
Data File : BF133167.D
Acq On : 01 May 2023 21:13
Operator : CG\JU
Sample : 02558-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS012-0006-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

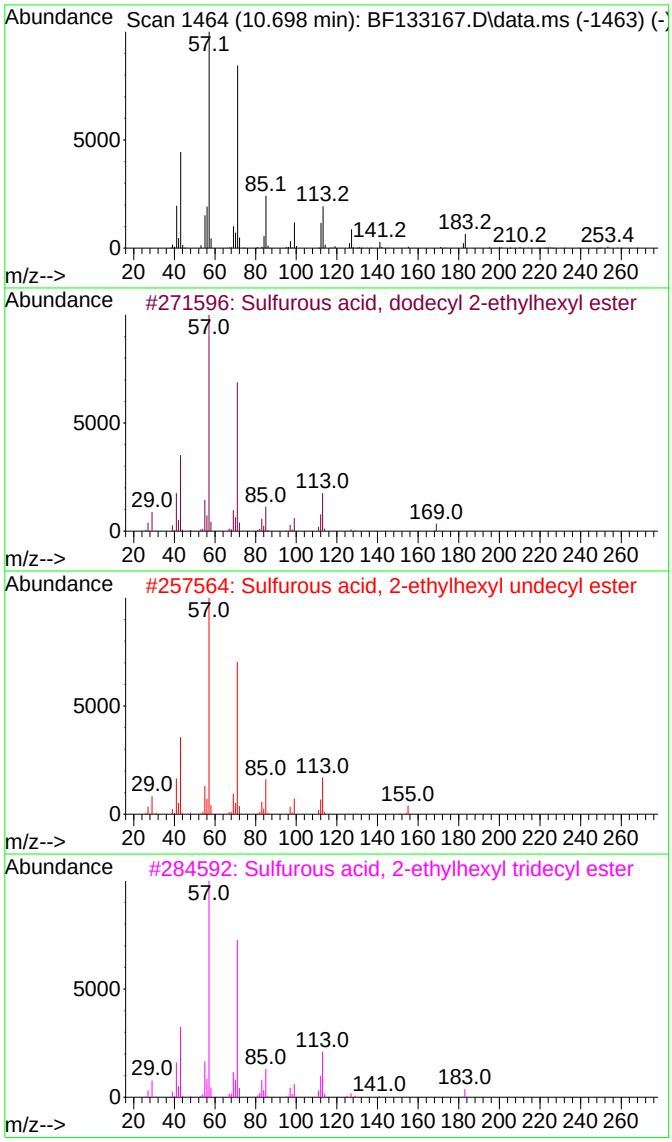
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

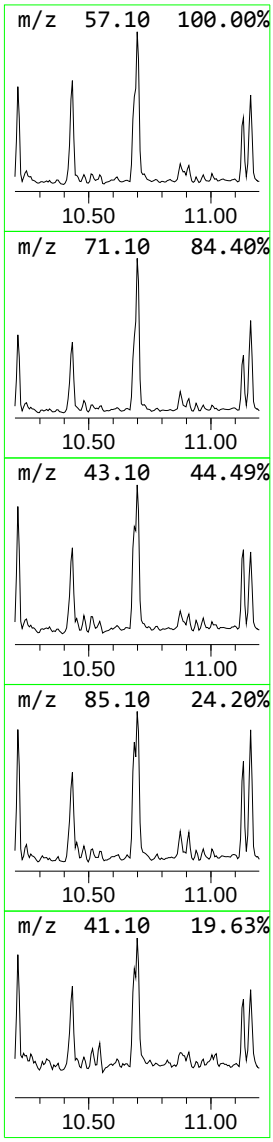
****

Peak Number 15 Sulfurous acid, dodecyl 2-e... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.698	38.97 ng	2642830	Phenanthrene-d10	11.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	72
2	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	72
3	Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	64
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
5	Sulfurous acid, di(2-ethylhexyl)...	306	C16H34O3S	1000309-19-1	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
Data File : BF133167.D
Acq On : 01 May 2023 21:13
Operator : CG\JU
Sample : 02558-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS012-0006-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

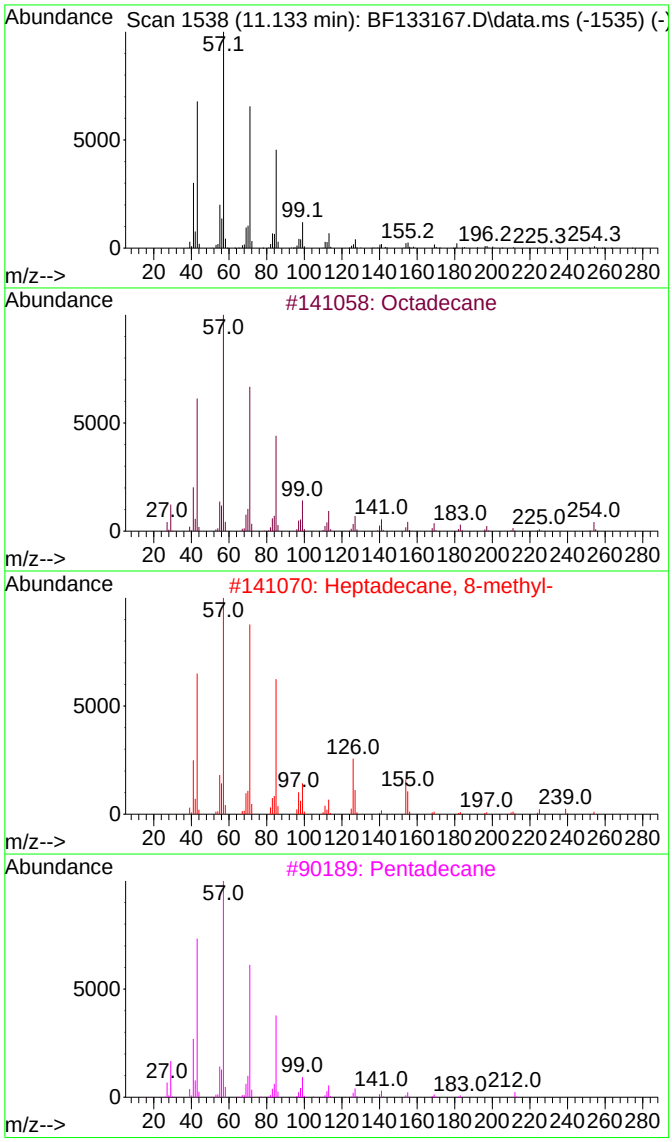
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

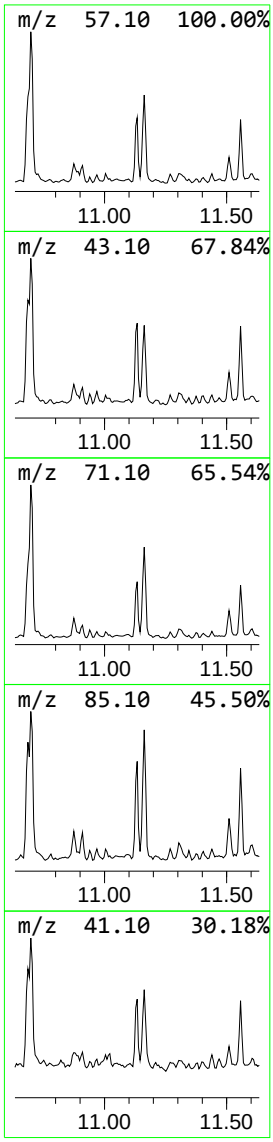
****

Peak Number 16 Octadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.133	21.22 ng	1439110	Phenanthrene-d10	11.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	94
2	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	91
3	Pentadecane	212	C15H32	000629-62-9	91
4	Hexadecane	226	C16H34	000544-76-3	90
5	Tetradecane	198	C14H30	000629-59-4	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
Data File : BF133167.D
Acq On : 01 May 2023 21:13
Operator : CG\JU
Sample : 02558-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS012-0006-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

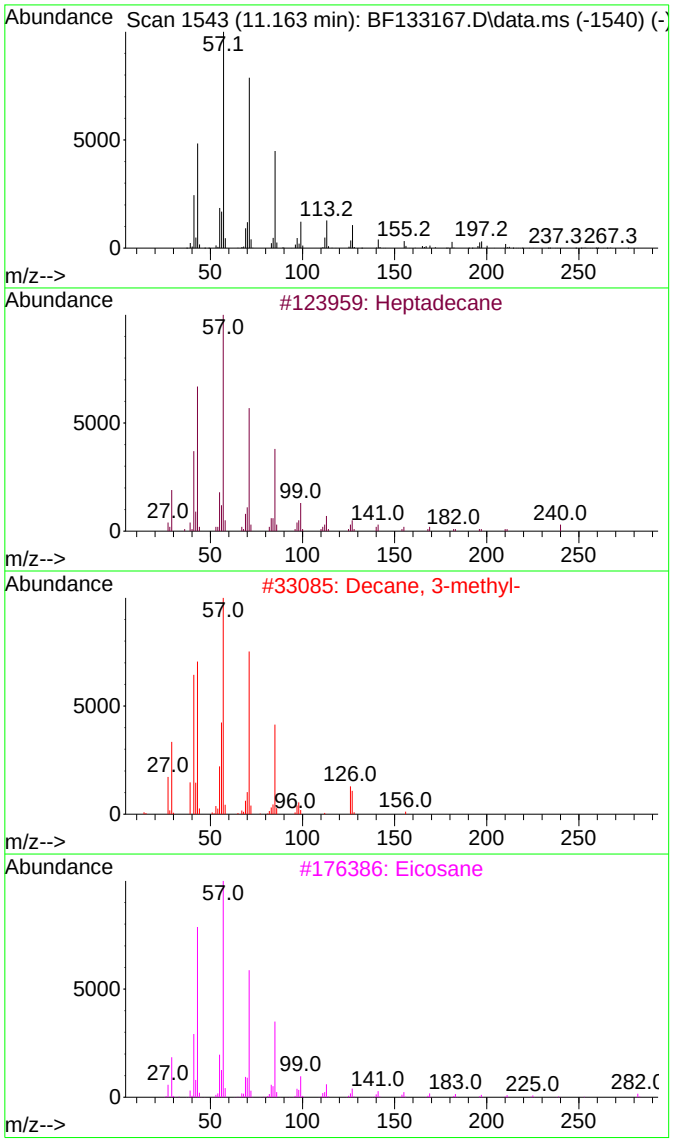
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

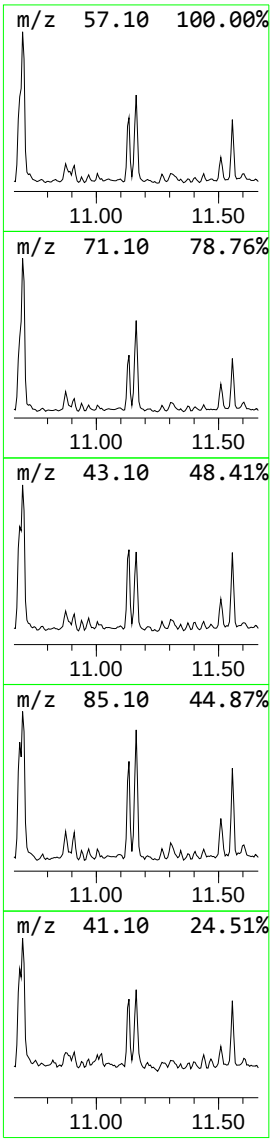
****

Peak Number 17 Decane, 3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.163	36.33 ng	2463920	Phenanthrene-d10	11.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Decane, 3-methyl-	156	C11H24	013151-34-3	80
3	Eicosane	282	C20H42	000112-95-8	78
4	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	78
5	Hexadecane	226	C16H34	000544-76-3	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
Data File : BF133167.D
Acq On : 01 May 2023 21:13
Operator : CG\JU
Sample : 02558-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS012-0006-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

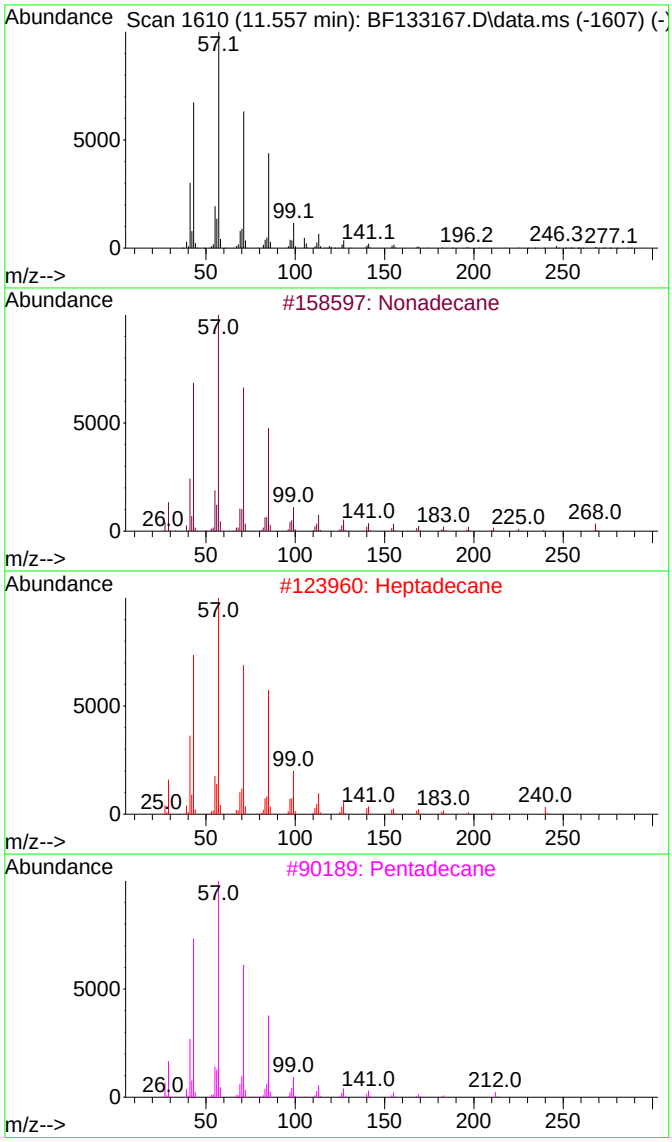
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

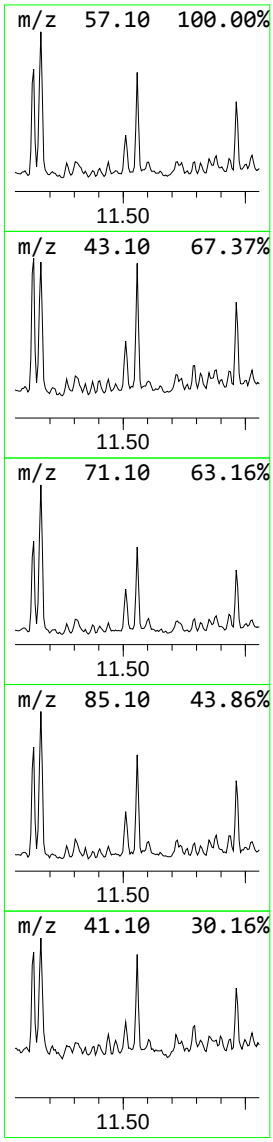
****

Peak Number 18 Nonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.557	16.69 ng	1131860	Phenanthrene-d10	11.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	97
2	Heptadecane	240	C17H36	000629-78-7	90
3	Pentadecane	212	C15H32	000629-62-9	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Decane, 1-iodo-	268	C10H21I	002050-77-3	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
Data File : BF133167.D
Acq On : 01 May 2023 21:13
Operator : CG\JU
Sample : 02558-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS012-0006-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

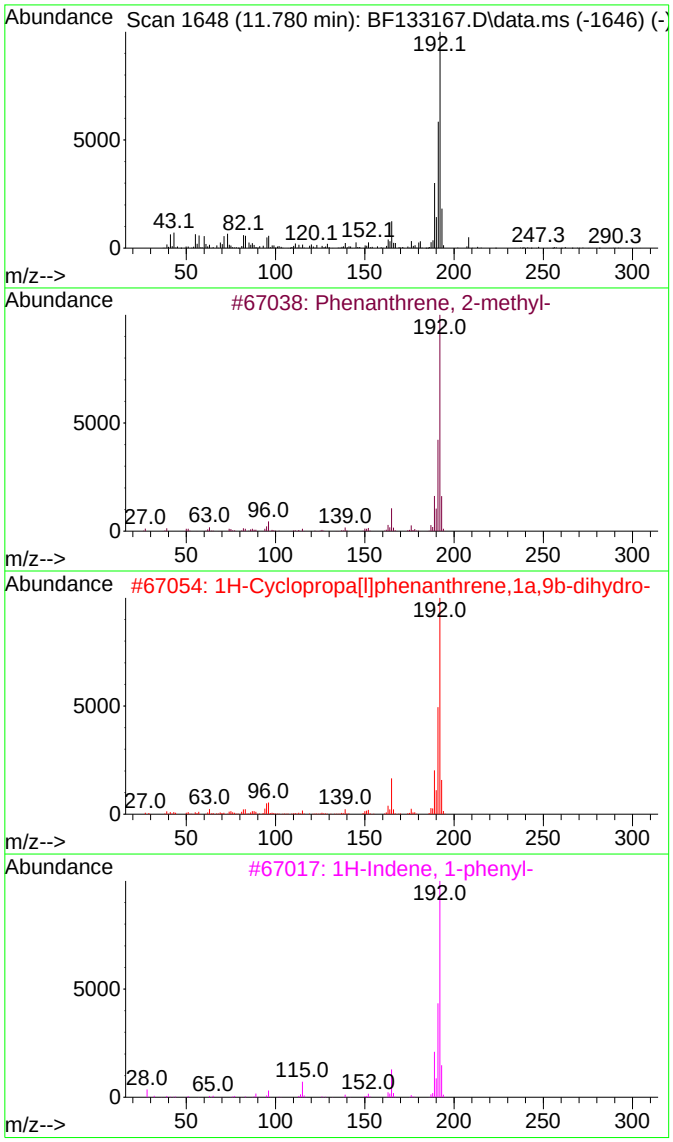
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

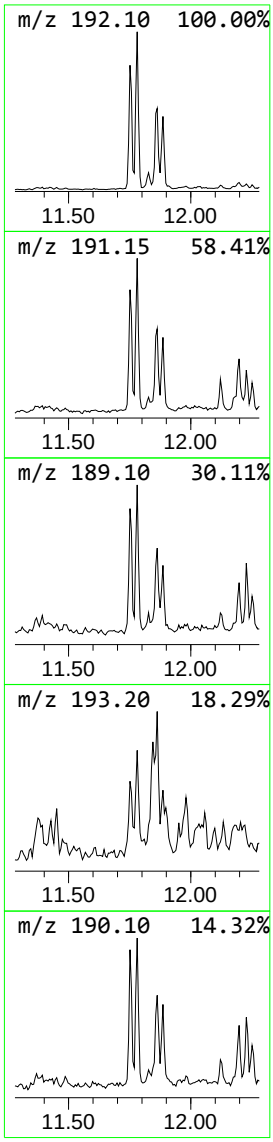
****

Peak Number 19 Phenanthrene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.780	13.43 ng	911087	Phenanthrene-d10	11.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
3	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
Data File : BF133167.D
Acq On : 01 May 2023 21:13
Operator : CG\JU
Sample : 02558-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS012-0006-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

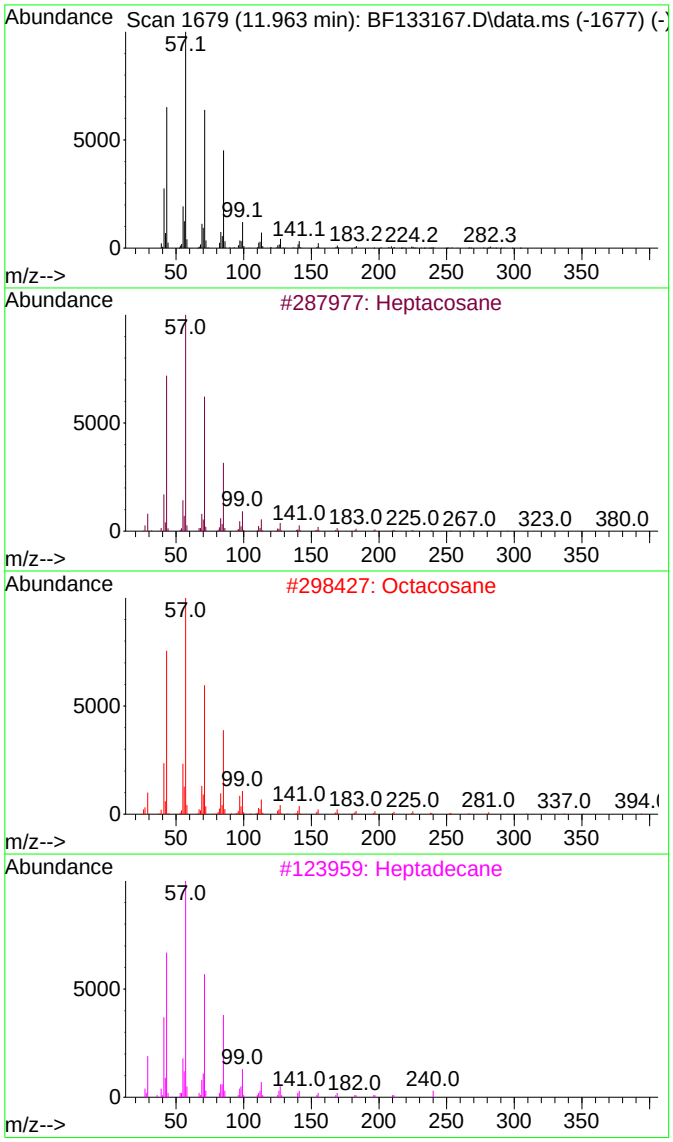
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

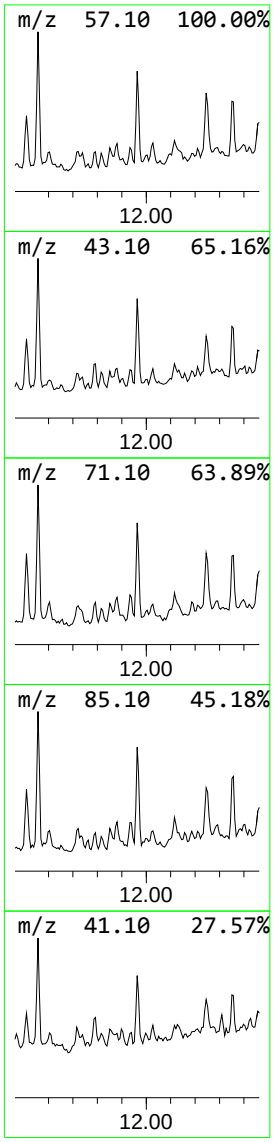
****

Peak Number 20 Heptacosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.963	11.62 ng	788170	Phenanthrene-d10	11.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Octacosane	394	C28H58	000630-02-4	90
3	Heptadecane	240	C17H36	000629-78-7	90
4	Tetracosane	338	C24H50	000646-31-1	90
5	Hexadecane	226	C16H34	000544-76-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
Data File : BF133167.D
Acq On : 01 May 2023 21:13
Operator : CG\JU
Sample : 02558-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS012-0006-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Mesitylene	6.557	11.7	ng	791993	1	6.728	1358230	20.0
Decane	6.575	20.0	ng	1355570	1	6.728	1358230	20.0
Benzene, 1,2,4-...	6.792	11.6	ng	787699	1	6.728	1358230	20.0
Benzene, 1-meth...	7.010	16.7	ng	1136290	1	6.728	1358230	20.0
Benzene, 2-ethy...	7.057	18.3	ng	1240120	1	6.728	1358230	20.0
Tridecane	8.616	14.4	ng	2901550	2	8.016	4027240	20.0
Naphthalene, 1,...	9.351	16.3	ng	2461680	3	9.769	3030580	20.0
Naphthalene, 2,...	9.433	18.4	ng	2783830	3	9.769	3030580	20.0
Naphthalene, 2,...	9.457	11.4	ng	1734490	3	9.769	3030580	20.0
3-Ethyl-2,6,10-...	9.504	13.8	ng	2097590	3	9.769	3030580	20.0
Tetradecane	9.716	15.6	ng	2358770	3	9.769	3030580	20.0
Naphthalene, 2,...	9.975	12.7	ng	1922750	3	9.769	3030580	20.0
Pentadecane, 2,...	10.433	13.4	ng	2035100	3	9.769	3030580	20.0
Heptadecane	10.686	39.3	ng	2667440	4	11.251	1356450	20.0
Sulfurous acid,...	10.698	39.0	ng	2642830	4	11.251	1356450	20.0
Octadecane	11.133	21.2	ng	1439110	4	11.251	1356450	20.0
Decane, 3-methyl-	11.163	36.3	ng	2463920	4	11.251	1356450	20.0
Nonadecane	11.557	16.7	ng	1131860	4	11.251	1356450	20.0
Phenanthrene, 2...	11.780	13.4	ng	911087	4	11.251	1356450	20.0
Heptacosane	11.963	11.6	ng	788170	4	11.251	1356450	20.0